

ALTECH PA66 IQ 2050/100 GF50

(Last update: 11.08.2020)

MOCOM

| | |
|------------------------|--------------------------------------|
| Base Polymer | Polyamide 66 |
| Filler/Additive System | 50 % glass fibres |
| Special Features | contains recycled material |
| Market Segment | Machinery, building and construction |
| Typical Applications | injection moulding grade |

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|-----------------------|--|
| Pre-Drying Conditions | in a dry air (dessiccant) dryer <80 °C for 2-12 h dependant on moisture content max. moisture content <0,12 % |
| Processing Conditions | injection moulding melt temperature 280-300 °C injection moulding mould temperature 80-120 °C |
| Storage | dry, protected from light |

| Properties | Value | Dimension | Test Norm |
|--|-------|-------------------|-------------|
| Mechanical Properties | | | |
| Tensile Modulus | 12400 | MPa | ISO 527 |
| Tensile Strength at Break | 135 | MPa | ISO 527 |
| Tensile Elongation at Break | 2.1 | % | ISO 527 |
| Impact Strength (Charpy, 23°C) | 50 | kJ/m ² | ISO 179/1eU |
| Notched Impact Strength (Charpy, 23°C) | 6 | kJ/m ² | ISO 179/1eA |

Additional Information

Due to the use of raw materials from a recycling process, a uniform inherent color cannot be guaranteed and this product may contain a variable percentage of other substances. The use of hot runner tool configuration is not recommended for ALTECH IQ products. For this product, only a limited product safety documentation is provided (Reach and SVHC).

Liability Exclusion

The product does not originate from our own production and we do not give any warranty as to the correctness of the above mentioned data which we have taken over from the manufacturer.

These are guide values and not a specification. The test values mentioned are representative values only and not binding minimum or maximum figures. These test values have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions.

Any information given on the chemical and physical characteristics of our products, including, without limitation, technical advice on applications, whether verbally, in writing or by testing the product, is given to the best of our knowledge and in good faith and does not exempt the buyer from carrying out their own investigations and tests in order to ascertain the product's specific suitability for the purpose intended.

The buyer is solely responsible for confirming the suitability of the product for a particular application, its utilization and processing and must observe any applicable laws and government regulations. **NO EXPRESS OR IMPLIED RECOMMENDATION OR WARRANTY IS GIVEN WITH REGARD TO THE SUITABILITY OF THE PRODUCT FOR A PARTICULAR APPLICATION, SUCH AS, BUT NOT LIMITED TO, SAFETY-CRITICAL COMPONENTS OR SYSTEMS.**

Healthcare uses: the supply of any product by ALBIS for any medical, pharmaceutical or diagnostic application is conditional to an assessment by ALBIS in terms of compliance with ALBIS' internal risk management policy – even for products which are in general designated for use in Healthcare applications.

Important: irrespective of product type or designation, ALBIS does not recommend or support the use of any products it supplies which fall into the following medical, pharmaceutical or diagnostic application categories:



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- risk class III applications according to EU directive 93/42/EEC
- any bodily implant application for greater than 30 days
- any critical component in any medical device that supports or sustains human life.

At all times, our standard terms and conditions of sale apply.